

## Introduction

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### 4-001 Scope

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Each section in this chapter of the *Construction Manual* (manual) corresponds to a section in the *Standard Specifications*. All sections in the *Standard Specifications* except the first nine “General Provisions” sections and four “Structures” sections are included here. The four “Structures” sections, 49, 50, 55, and 59, are covered in the *Bridge Construction Records and Procedures Manual*.

Each section in this chapter contains the following four parts:

- **General** briefly describes the work covered in the section.
- **Before Work Begins** describes the actions the resident engineers and assistant resident engineers must take before the contractor begins the construction work.
- **During the Course of Work** describes the actions the resident engineers and assistant resident engineers must take when the contractor is performing the work.
- **Measurement and Payment** provides guidelines for measuring and paying for the work covered in the section.

### 4-002 Purpose

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Even though each section in Chapter 4 closely follows the corresponding section in the *Standard Specifications*, the intent in this chapter is not to repeat or paraphrase the specifications, but to offer guidelines for action to ensure compliance with the specifications and to measure work done. Therefore, for resident engineers and assistant resident engineers, Chapter 4 provides guidelines for inspecting, measuring, and paying for contract item work.

For the most part, only the *Standard Specifications* are considered. Special provisions, superceding the *Standard Specifications*, will require actions different from or in addition to those described in these guidelines.

Assistant resident engineers are usually assigned some specific portion of contract work. The first duty in carrying out the assignment is to become thoroughly familiar with the contract plans, standard plans, special provisions, and standard specifications that apply to that particular work. This chapter of the manual does not substitute for and does not diminish the need to have a good understanding of the planned work and the specifications.